

FIG. 1

FIG. 2 is a block diagram of a system architecture for a trading partner engine. The system includes two trading partners (204A and 204B) connected to a central network (206). Each trading partner contains a front end (208A and 208B), a TPE client (212A and 212B), and a message base/data dictionary (216A and 216B). The network (206) is connected to a trading partner engine (210), which includes a translator (202). The trading partner engine (210) is further connected to a history base (224), a TPE message base (220), a TPE data dictionary (222), and a TPE mapping file base (226).

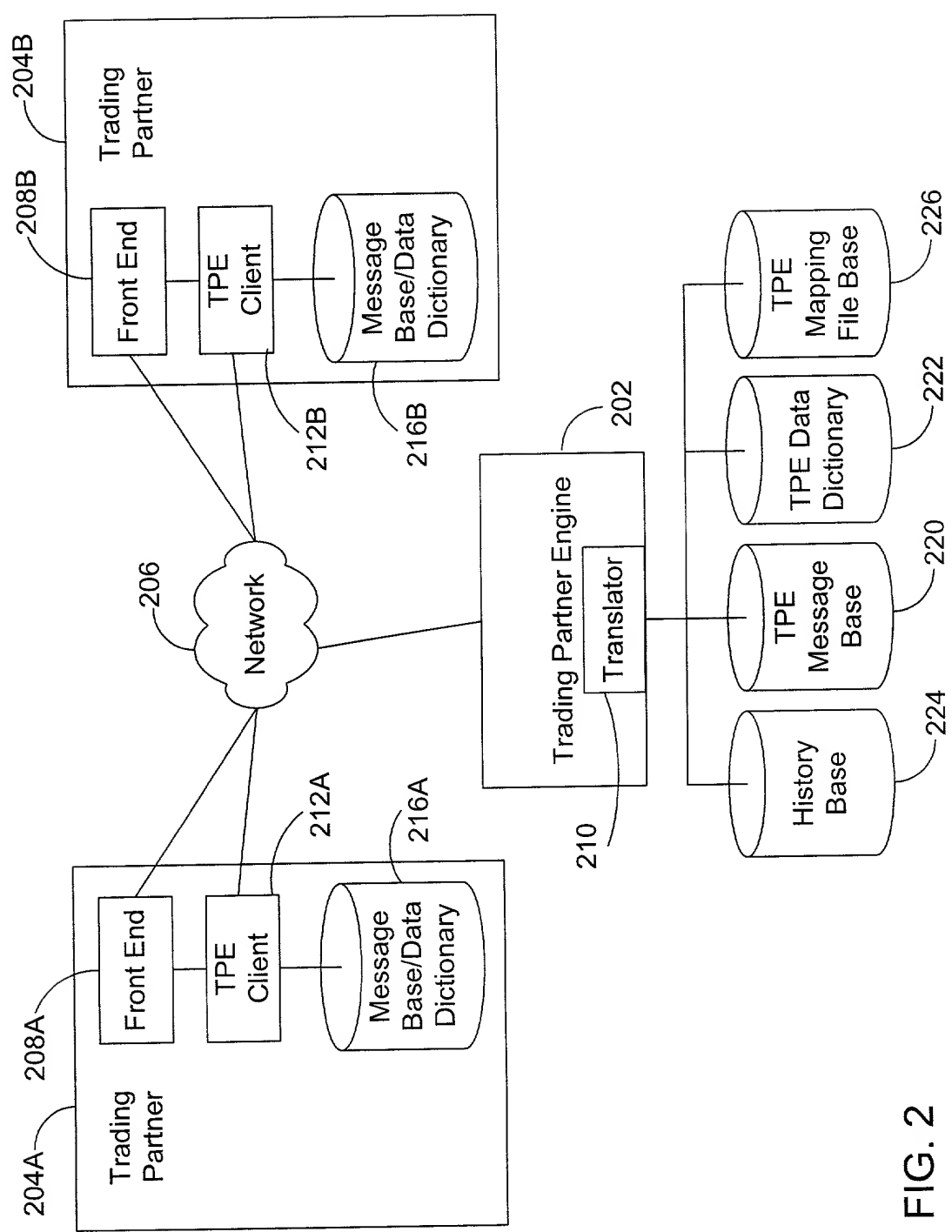


FIG. 2

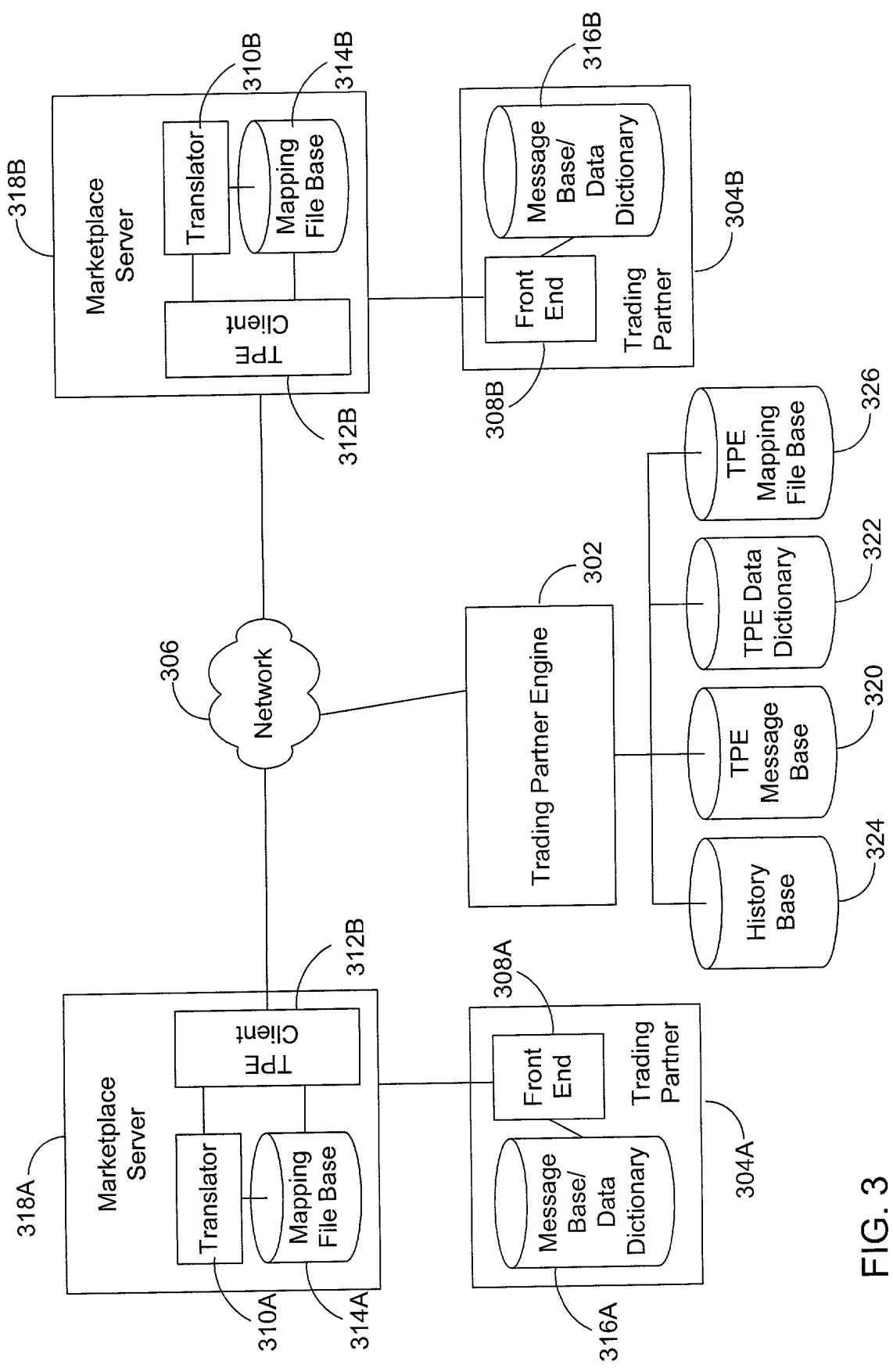


FIG. 3

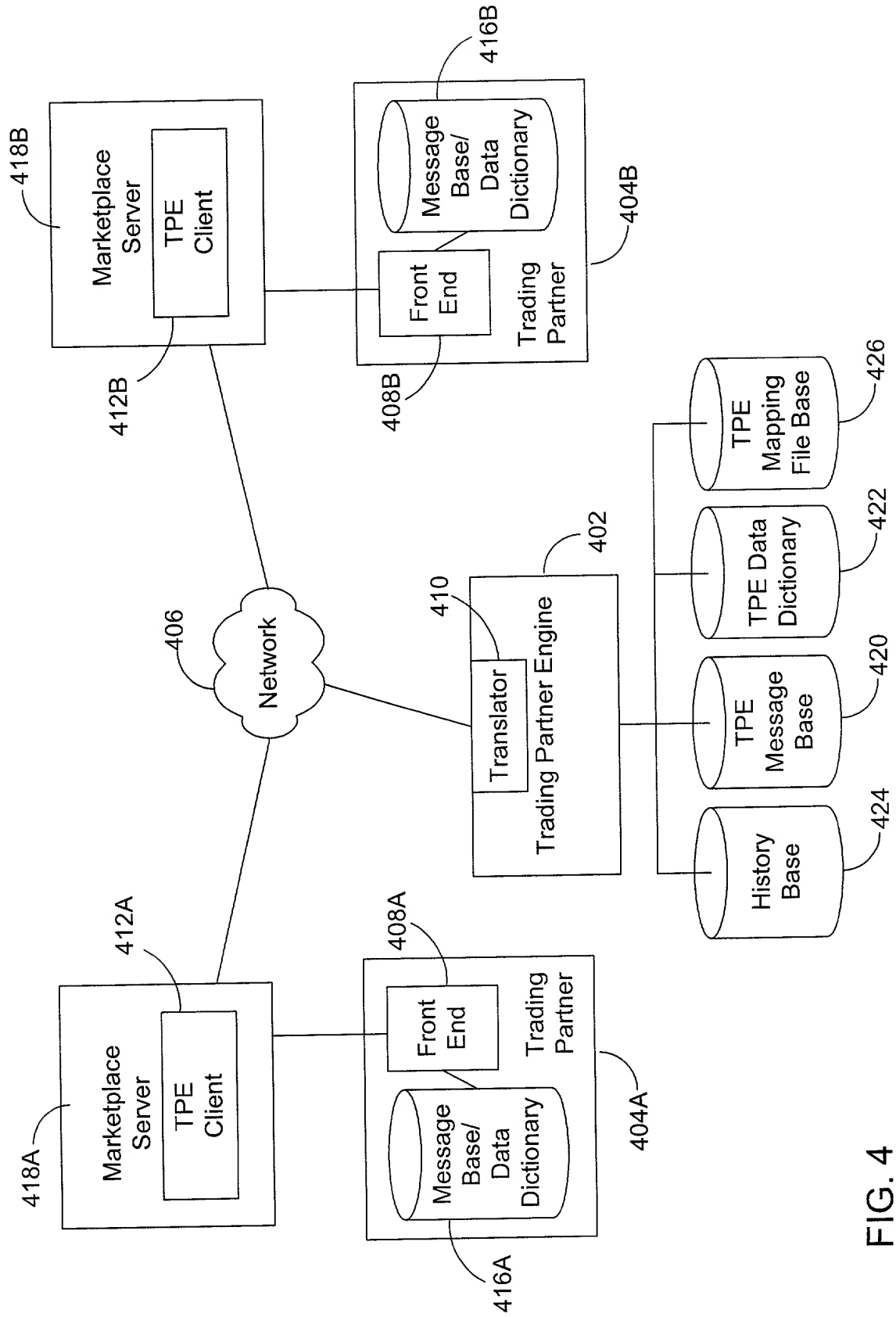


FIG. 4

FIG. 5 is a block diagram of a message processing system 104A and 104B. The system 104A includes a Generate Message block 502, a Translate Message block 504, and a Send Message block 506. The system 104B includes a Receive Message block 508 and a Process Message block 510. The Generate Message block 502 is connected to the Translate Message block 504, which is connected to the Send Message block 506. The Send Message block 506 is connected to the Receive Message block 508, which is connected to the Process Message block 510.

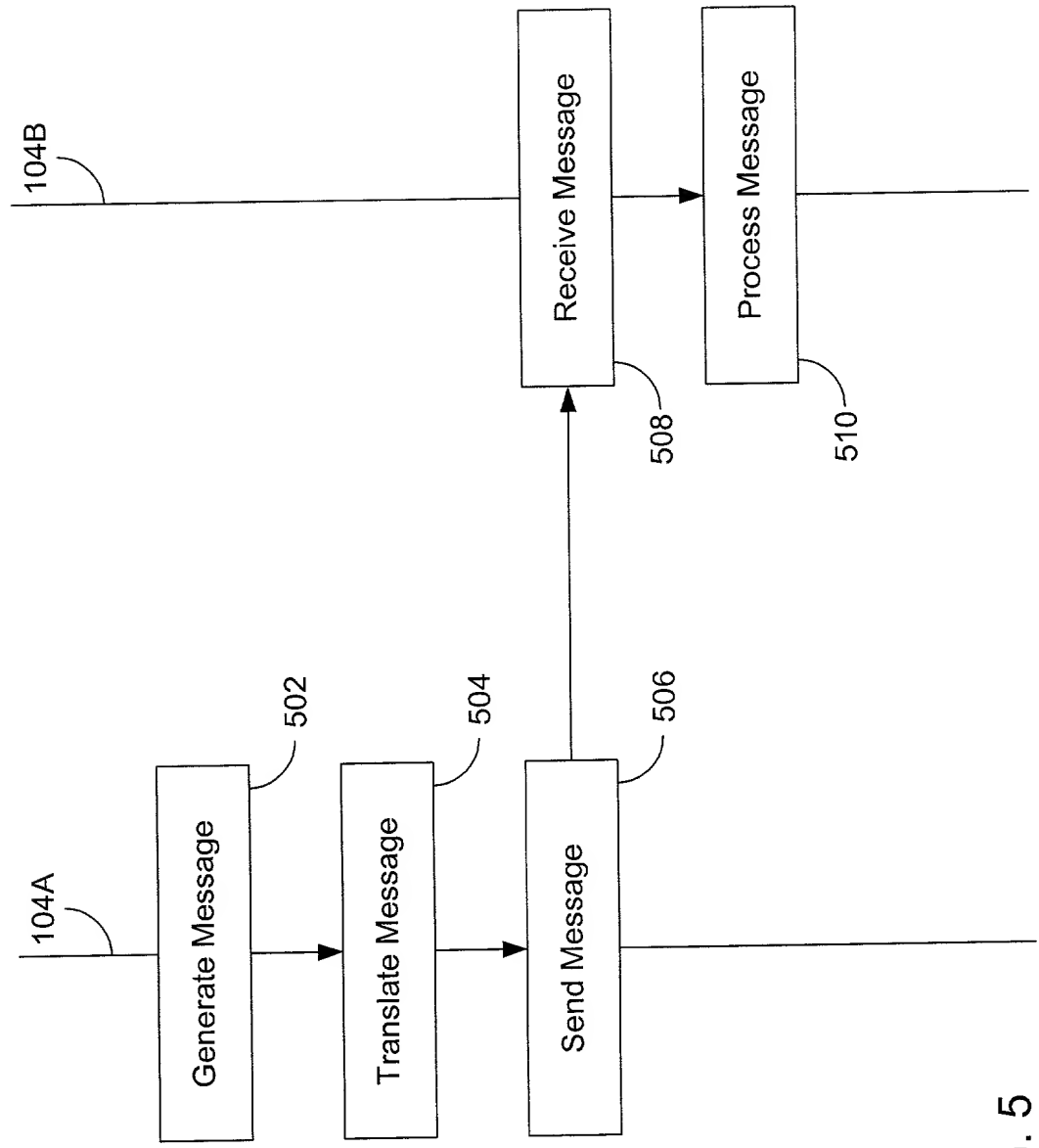


FIG. 5

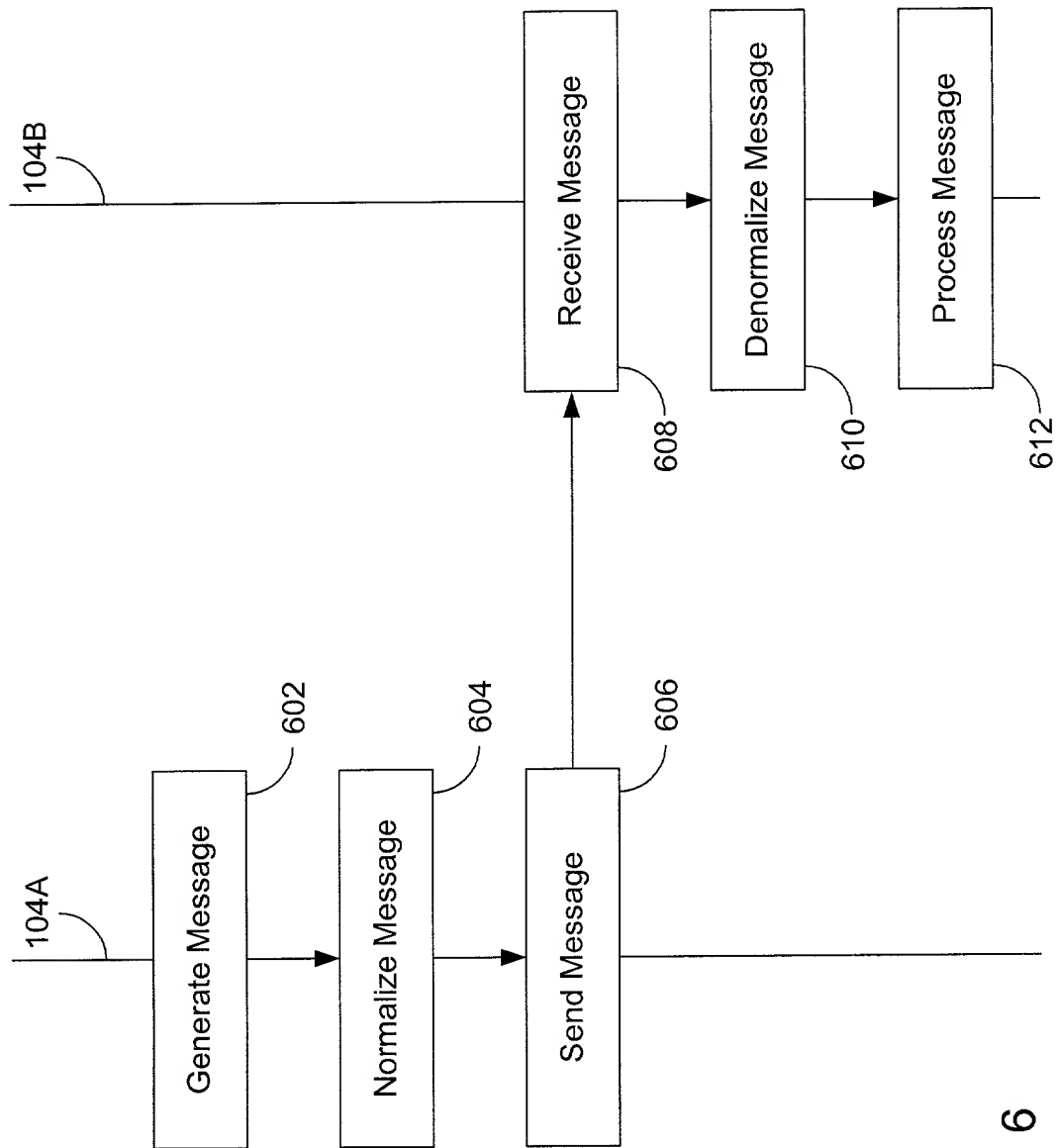


FIG. 6

FIG. 7 is a block diagram of a message processing system 700. The system 700 includes a message generator 702, a message sender 704, a message receiver 706, a message translator 708, a message sender 710, a message receiver 712, and a message processor 714. The message generator 702 is connected to the message sender 704. The message sender 704 is connected to the message receiver 706. The message receiver 706 is connected to the message translator 708. The message translator 708 is connected to the message sender 710. The message sender 710 is connected to the message receiver 712. The message receiver 712 is connected to the message processor 714. The system 700 is connected to a network 202 and a network 204B.

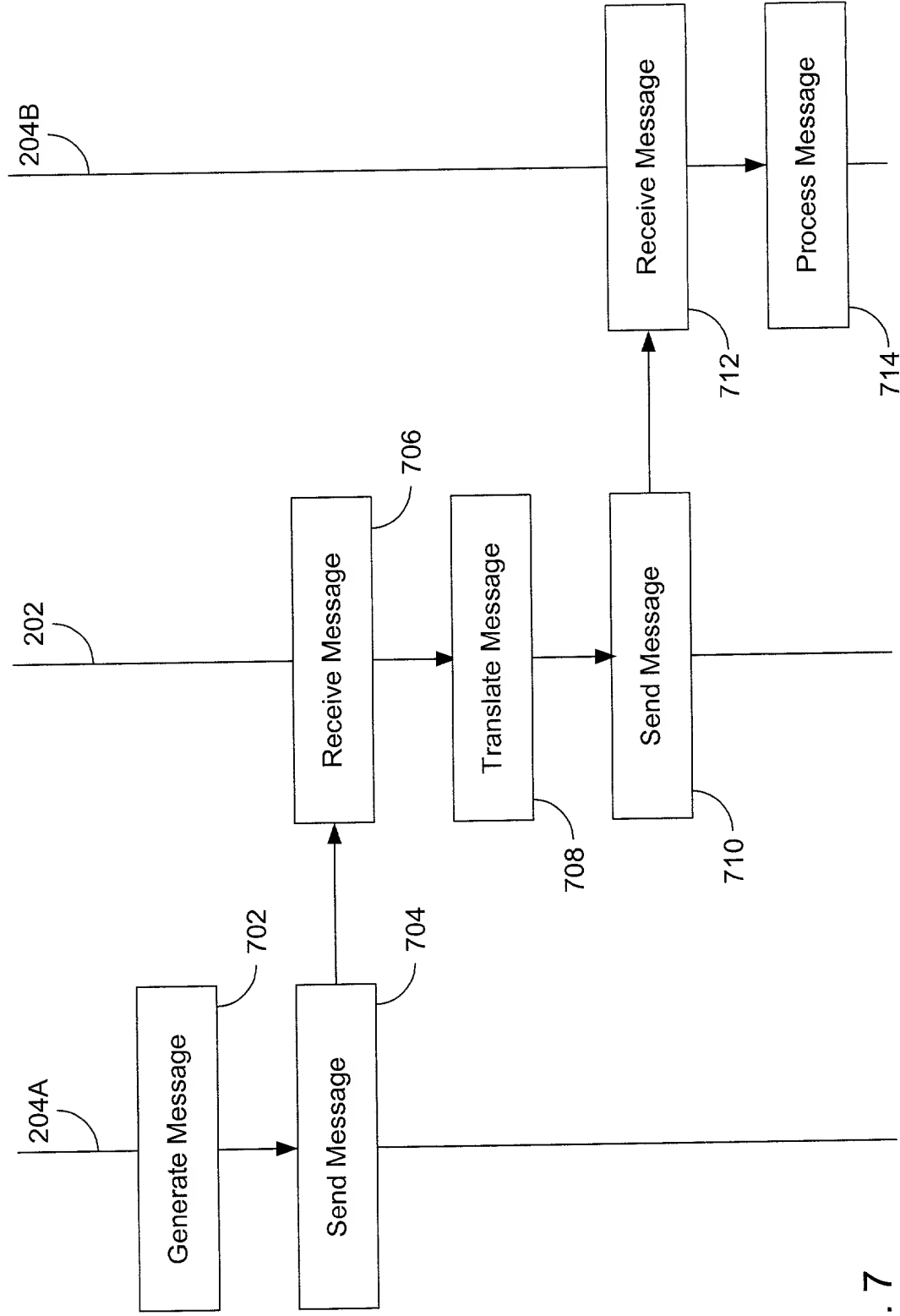


FIG. 7

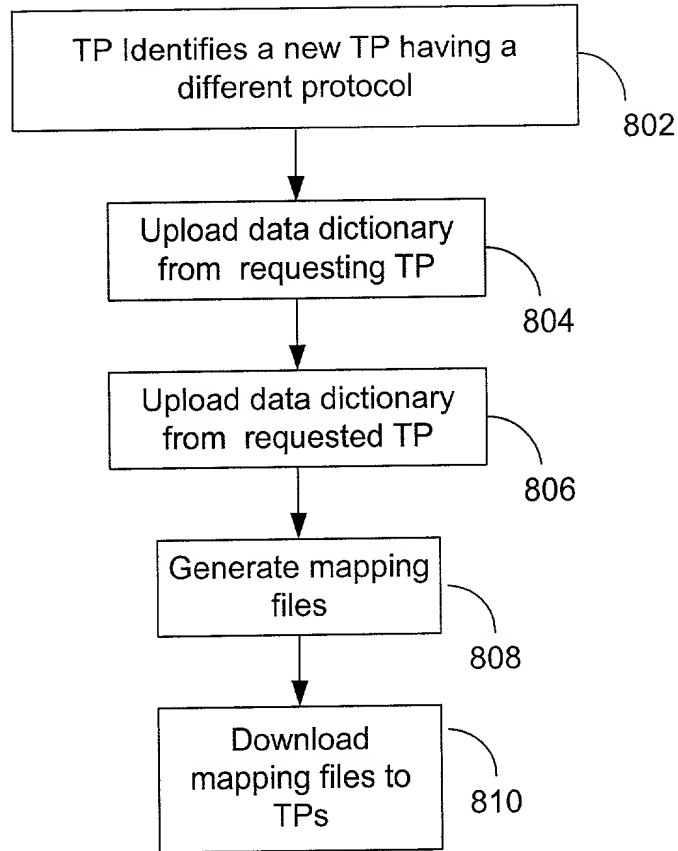


FIG. 8



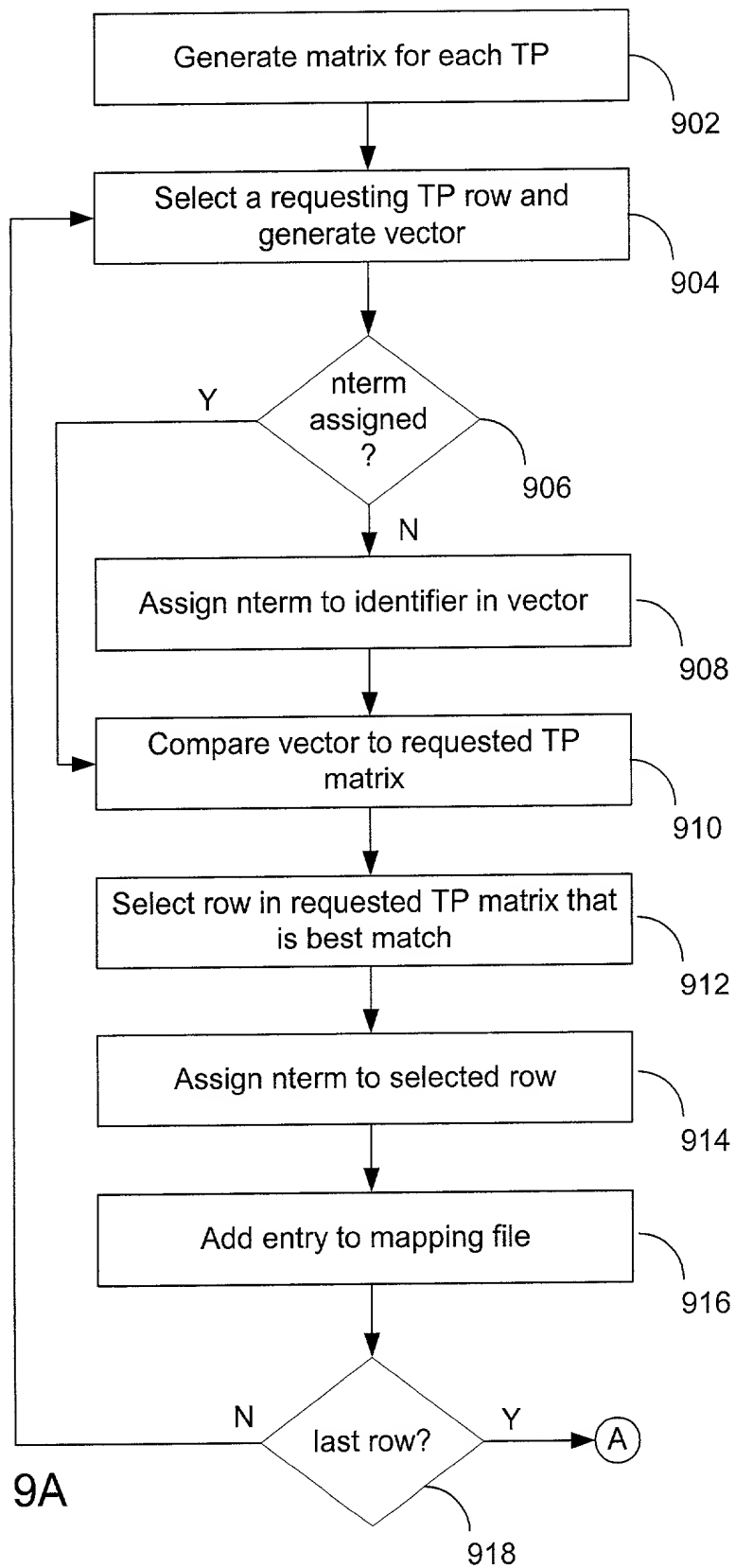


FIG. 9A

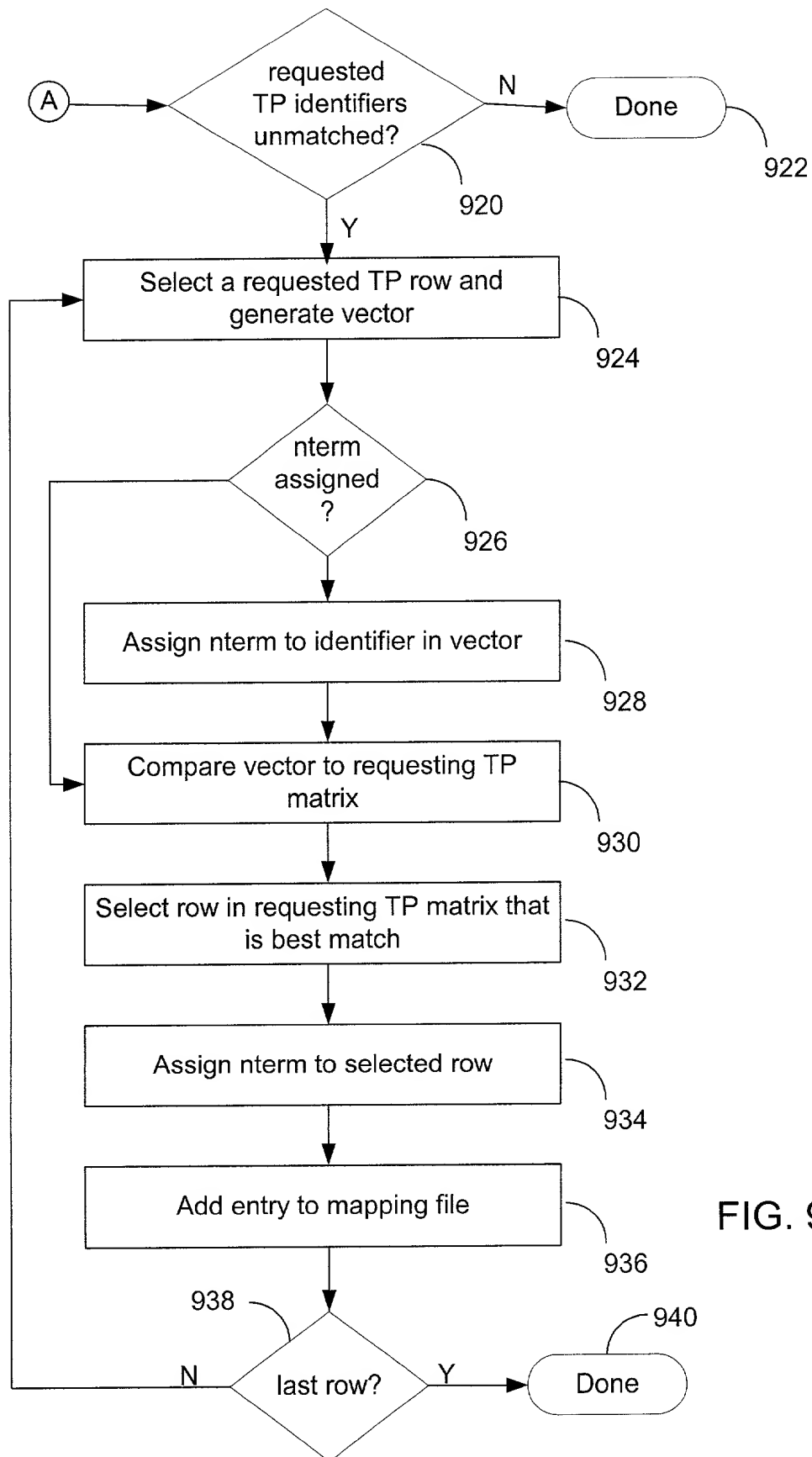


FIG. 9B